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HALF-WAVE GAS RECTIFIER

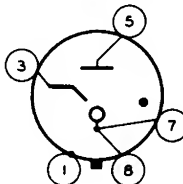
IONICALLY HEATED, STARTER - ELECTRODE TYPE

DATA

General:

Cathode. Ionically Heated
Tube Voltage Drop (Approx.). 12 volts
Maximum Overall Length 2-5/8"
Maximum Seated Length. 1-31/32 ± 3/32"
Maximum Diameter 1-5/16"
Bulb MT8G
Base Small-Wafer Octal 5-Pin
Basing Designation for BOTTOM VIEW

Pin 1 - Shell
Pin 3 - Starter
Electrode



Pin 5 - Anode
Pin 7[□] - Cathode
Pin 8[□] - Cathode

[□] Pins 7 and 8 must be tied together at socket.

HALF-WAVE RECTIFIER

Maximum Ratings, Design-Center Values:

PEAK INVERSE ANODE VOLTAGE. 300 max. volts
PEAK ANODE CURRENT. 500 max. ma
DC OUTPUT CURRENT { 75 max. ma
40 min. ma

Typical Operation With Capacitor-Input Filter:

Minimum RMS Starting Voltage* 100 volts
DC Output Current 75 ma
Minimum Series Anode Resistance[▲]. 50 ohms

RF filter circuits placed close to socket terminals are required to reduce rectifier noise.

* When starter electrode is connected to anode through a 10-megohm resistor bypassed with a 0.002-μf capacitor.

[▲] For 117-volt line operation.

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TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

DATA